

assembly to a height above the keyboard module that is sufficient to allow the computer display panel to rotate about the articulating joint to a comfortable viewing angle without blocking a keypad of the keyboard module and to thereby facilitate simultaneous typing on the keypad and viewing of the computer display panel when the laptop computer is used in a depth-constrained workspace.

30. The laptop computer display module of claim 29 in which the computer display panel is manually rotatable to the comfortable viewing angle without blocking the keypad when the display support member is rotated to a depth-reduction angle of greater than 30 degrees and less than 120 degrees relative to the keyboard module.

31. The laptop computer display module of claim 28 in which the comfortable viewing angle is greater than 90 degrees and less than 150 degrees relative to the keyboard module.

32. The laptop computer display module of claim 28 in which:

the keyboard module is bordered by a rear margin that terminates in left and right ends;

the rail assembly includes first and second elongate rails spaced apart and rotatably mounted to the keyboard module proximal of the respective left and right ends of the rear margin; and

the display support member includes a first slot and a second slot spaced apart from the first slot, the first and second slots sized to slidably receive the first and second rails, respectively.

33. The laptop computer display module of claim 32, further comprising an anti-skew mechanism that mechanically couples movement of the display support member along the first rail to movement of the display support member along the second rail, to thereby prevent binding of the display support member when it is moved along the rail assembly.

34. The laptop computer display module of claim 33 in which the anti-skew mechanism includes a push rod extending through an elongate push rod sleeve, and one of the push rod and the push rod sleeve is attached to the display support member and the other of the push rod and the push rod sleeve is attached to the respective first and second rails.

35. The laptop computer display module of claim 33 in which the anti-skew mechanism includes a rack-and-pinion mechanism.

36. The laptop computer display module of claim 33 in which the anti-skew mechanism includes a set of pulleys mounted to the display support member and a cable having first and second ends, the first and second ends of the cable being attached to the respective first and second rails, and the cable being tensioned over the pulleys.

37. The laptop computer display module of claim 28 in which the display support member and the computer display panel are movable up to 6 inches along the rail assembly.

38. The laptop computer display module of claim 28 in which the display module includes a friction mechanism for adjustably holding the display support member at a selected position along the rail assembly.

39. The laptop computer display module of claim 28 in which the display module includes a detent mechanism for adjustably holding the display support member at a selected position along the rail assembly.

40. The laptop computer display module of claim 28, further comprising a motorized height adjustment mechanism for driving the display support member along the rail assembly.

41. The laptop computer display module of claim 28, further comprising a latching device for releasably latching the display module to the keyboard module and preventing movement of the display support member along the rail assembly when the display module is in the closed position.

42. In a laptop computer of the type including a keyboard module having a keypad extending along a rear margin of the keyboard module and a display module hinged to the keyboard module at the rear margin of the keyboard module for rotation of the display module between an open position and a closed position, the display module including a computer display panel operably connected to the keyboard module, and the computer display panel including a top edge and a bottom edge, an improved computer display mounting comprising:

a rail assembly rotatably mounted to the keyboard module, the rail assembly including first and second parallel rails spaced apart along the rear margin and positioned proximal of the respective left and right ends of the rear margin;

a display support member including a first slot and a second slot spaced apart from the first slot, the first and second slots sized and positioned to slidably receive the first and second rails, respectively so that the display support member is slidable outwardly from the keyboard module along the rail assembly when the display module is rotated to an open position;

a friction mechanism for adjustably holding the display support member at a selected position along the rail assembly; and

an articulating joint positioned along the top margin of the computer display panel and rotatably interconnecting the top edge of the computer display panel to the display support member so that the bottom edge of the computer display panel can be manually swung away from the display support member and toward a user of the laptop computer when the display module is in the open position, the articulating joint and the display support member together being slidable along the rail assembly to a height above the keyboard module that is sufficient to allow the computer display panel to rotate about the articulating joint to a comfortable viewing angle without blocking the keypad and to thereby facilitate simultaneous typing on the keypad and viewing of the computer display panel when the laptop computer is used in a depth-constrained workspace.

43. The improved computer display mounting of claim 42, further comprising an anti-skew mechanism that mechanically couples movement of the display support member along the first rail to movement of the display support member along the second rail, thereby preventing binding of the display support member when it is moved along the rail assembly.

44. The improved computer display mounting of claim 42 in which:

the display support member includes a crossbar extending along a distal part of the display support member